

ABSTRACT

A wireless communications link between a communication line connector and at least one audio-visual device is provided. The communications link preferably includes a communication line side unit, including: (a) a communication line side connector for engagement with the communication line connector for bidirectional audio-visual data communication, providing communication between a communication line and the at least one audio-visual device, (b) a communication line side infrared transmitter adapted to transmit diffuse infrared radiation corresponding to the data communication, and (c) a communication line side infrared receiver adapted to receive diffuse infrared radiation corresponding to the data communication. The communications link preferably also includes an audio-visual device side unit, including: (a) an audio-visual device side connector for engagement with the at least one audio-visual device for bidirectional signal communication therewith via a universal serial bus (USB), (b) an audio-visual device side infrared transmitter adapted to transmit diffuse infrared radiation to the communication line side infrared receiver, and (c) an audio-visual device side infrared receiver adapted to receive diffuse infrared radiation from the communication line side infrared transmitter.

00450-031400